

RAW SEQUENCE LISTING

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Application Serial Number: 10/520,065
Source: PCT
Date Processed by STIC: 01/10/2006

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PCT

RAW SEQUENCE LISTING

DATE: 01/10/2006

PATENT APPLICATION: US/10/520,065

TIME: 08:17:35

Input Set : A:\sequence listing ascii.txt

Output Set: N:\CRF4\01102006\J520065.raw

3 <110> APPLICANT: Evotec NeuroSciences GmbH
 4 Von der Kammer, Heinz
 5 Pohlner, Johannes
 7 <120> TITLE OF INVENTION: Diagnostic and therapeutic use of TB2 gene and protein
 8 for neurodegenerative diseases
 10 <130> FILE REFERENCE: 2335.0040001
 12 <140> CURRENT APPLICATION NUMBER: 10/520,065
 C--> 13 <141> CURRENT FILING DATE: 2005-01-05
 15 <150> PRIOR APPLICATION NUMBER: PCT/EP2003/007173
 16 <151> PRIOR FILING DATE: 2003-07-04
 18 <160> NUMBER OF SEQ ID NOS: 14
 20 <170> SOFTWARE: PatentIn Ver. 2.1
 22 <210> SEQ ID NO: 1
 23 <211> LENGTH: 185
 24 <212> TYPE: PRT
 25 <213> ORGANISM: Homo sapiens
 27 <400> SEQUENCE: 1
 28 Met Arg Glu Arg Phe Asp Arg Phe Leu His Glu Lys Asn Cys Met Thr
 29 1 5 10 15
 31 Asp Leu Leu Ala Lys Leu Glu Ala Lys Thr Gly Val Asn Arg Ser Phe
 32 20 25 30
 34 Ile Ala Leu Gly Val Ile Gly Leu Val Ala Leu Tyr Leu Val Phe Gly
 35 35 40 45
 37 Tyr Gly Ala Ser Leu Leu Cys Asn Leu Ile Phe Gly Gly Tyr Pro Ala
 38 50 55 60
 40 Tyr Ile Ser Ile Lys Ala Ile Glu Ser Pro Asn Lys Glu Asp Asp Thr
 41 65 70 75 80
 43 Gln Trp Leu Thr Tyr Trp Val Val Tyr Gly Val Phe Ser Ile Ala Glu
 44 85 90 95
 46 Phe Phe Ser Asp Ile Phe Leu Ser Trp Phe Pro Phe Tyr Tyr Met Leu
 47 100 105 110
 49 Lys Cys Gly Phe Leu Leu Trp Cys Met Ala Pro Ser Pro Ser Asn Gly
 50 115 120 125
 52 Ala Glu Leu Leu Tyr Lys Arg Ile Ile Arg Pro Phe Phe Leu Lys His
 53 130 135 140
 55 Glu Ser Gln Met Asp Ser Val Val Lys Asp Leu Lys Asp Lys Ser Lys
 56 145 150 155 160
 58 Glu Thr Ala Asp Ala Ile Thr Lys Glu Ala Lys Lys Ala Thr Val Asn
 59 165 170 175
 61 Leu Leu Gly Glu Glu Lys Lys Ser Thr
 62 180 185
 65 <210> SEQ ID NO: 2
 66 <211> LENGTH: 461

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67 <212> TYPE: DNA
68 <213> ORGANISM: Artificial Sequence
70 <220> FEATURE:
71 <223> OTHER INFORMATION: Description of Artificial Sequence:nucleotide
72     sequence of a human TB2 cDNA fragment
74 <400> SEQUENCE: 2
75 acctggtggt cggttatggg gcctctctcc tctgcaacct gataggattt ggctacccag 60
76 cctacatctc aattaaagct atagagagtc ccaacaaaga agatgatacc cagtggctga 120
77 cctactgggt agtgtatggt gtgttcagca ttgctgaatt cttctctgat atcttcctgt 180
78 catggttccc cttctactac atgctgaagt gtggcttcct gttgtggtgc atggccccga 240
79 gccttcta at ggggctgaac tgctctacaa gcgcatcatc cggcctttct tcctgaagca 300
80 cgagtcccag atggacagtg tggtaagga ccttaaagac aaggccaaag agactgcaga 360
81 tgccatcact aaagaagcga agaaagctac cgtgaattta ctgggtgaag aaaagaagag 420
82 cacctaaacc agactggatg gaaacttcct gccctctctg t 461
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86 <211> LENGTH: 21
87 <212> TYPE: DNA
88 <213> ORGANISM: Artificial Sequence
90 <220> FEATURE:
91 <223> OTHER INFORMATION: Description of Artificial Sequence:primer for the
92     human TB2 gene
94 <400> SEQUENCE: 3
95 cgagtcccag atggacagtg t 21
98 <210> SEQ ID NO: 4
99 <211> LENGTH: 22
100 <212> TYPE: DNA
101 <213> ORGANISM: Artificial Sequence
103 <220> FEATURE:
104 <223> OTHER INFORMATION: Description of Artificial Sequence:primer for the
105     human TB2 gene
107 <400> SEQUENCE: 4
108 gtgatggcat ctgcagtctc tt 22
111 <210> SEQ ID NO: 5
112 <211> LENGTH: 20
113 <212> TYPE: DNA
114 <213> ORGANISM: Artificial Sequence
116 <220> FEATURE:
117 <223> OTHER INFORMATION: Description of Artificial Sequence:primer for the
118     human cyclophilin B gene
120 <400> SEQUENCE: 5
121 actgaagcac tacgggcctg 20
124 <210> SEQ ID NO: 6
125 <211> LENGTH: 19
126 <212> TYPE: DNA
127 <213> ORGANISM: Artificial Sequence
129 <220> FEATURE:
130 <223> OTHER INFORMATION: Description of Artificial Sequence:primer for the
131     human cyclophilin B gene
133 <400> SEQUENCE: 6

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134 agccgttggt gtctttgcc                                19
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138 <211> LENGTH: 20
139 <212> TYPE: DNA
140 <213> ORGANISM: Artificial Sequence
142 <220> FEATURE:
143 <223> OTHER INFORMATION: Description of Artificial Sequence:primer for the
144     human ribosomal protein S9 gene
146 <400> SEQUENCE: 7
147 ggtcaaattt accctggcca                                20
150 <210> SEQ ID NO: 8
151 <211> LENGTH: 22
152 <212> TYPE: DNA
153 <213> ORGANISM: Artificial Sequence
155 <220> FEATURE:
156 <223> OTHER INFORMATION: Description of Artificial Sequence:primer for the
157     human ribosomal protein S9 gene
159 <400> SEQUENCE: 8
160 tctcatcaag cgtcagcagt tc                                22
163 <210> SEQ ID NO: 9
164 <211> LENGTH: 19
165 <212> TYPE: DNA
166 <213> ORGANISM: Artificial Sequence
168 <220> FEATURE:
169 <223> OTHER INFORMATION: Description of Artificial Sequence:primer for the
170     human beta-actin gene
172 <400> SEQUENCE: 9
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176 <210> SEQ ID NO: 10
177 <211> LENGTH: 19
178 <212> TYPE: DNA
179 <213> ORGANISM: Artificial Sequence
181 <220> FEATURE:
182 <223> OTHER INFORMATION: Description of Artificial Sequence:primer for the
183     human beta-actin gene
185 <400> SEQUENCE: 10
186 ggcaagggac ttcctgtaa                                19
189 <210> SEQ ID NO: 11
190 <211> LENGTH: 20
191 <212> TYPE: DNA
192 <213> ORGANISM: Artificial Sequence
194 <220> FEATURE:
195 <223> OTHER INFORMATION: Description of Artificial Sequence:primer for the
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198 <400> SEQUENCE: 11
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202 <210> SEQ ID NO: 12
203 <211> LENGTH: 21
204 <212> TYPE: DNA

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205 <213> ORGANISM: Artificial Sequence
207 <220> FEATURE:
208 <223> OTHER INFORMATION: Description of Artificial Sequence:primer for the
209     human GAPDH gene
211 <400> SEQUENCE: 12
212 gctaagcagt tgggtggtgca g                                21
215 <210> SEQ ID NO: 13
216 <211> LENGTH: 21
217 <212> TYPE: DNA
218 <213> ORGANISM: Artificial Sequence
220 <220> FEATURE:
221 <223> OTHER INFORMATION: Description of Artificial Sequence:primer for the
222     human transferrin receptor TRR gene
224 <400> SEQUENCE: 13
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229 <211> LENGTH: 23
230 <212> TYPE: DNA
231 <213> ORGANISM: Artificial Sequence
233 <220> FEATURE:
234 <223> OTHER INFORMATION: Description of Artificial Sequence:primer for the
235     human transferrin receptor TRR gene
237 <400> SEQUENCE: 14
238 agcagttggc tgttgtacct ctc                                23

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VERIFICATION SUMMARY

PATENT APPLICATION: US/10/520,065

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L:13 M:271 C: Current Filing Date differs, Replaced Current Filing Date